

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ravi Narasimhan Art Unit : Unknown
Serial No.: Examiner : Unknown
Filed : October 23, 2003 Confirmation No. : Unknown
Title : A MIMO-OFDM PREAMBLE FOR CHANNEL ESTIMATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

This statement is being made with the filing of a new application. No fee is required.

The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

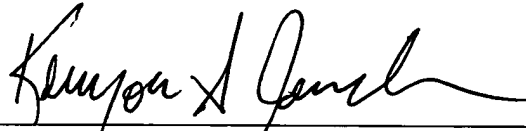
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A submission of Credit Card Payment for the filing fee is enclosed. Please apply any other required fees or any credits to Deposit Account No. 06-1050, referencing the attorney docket number 13361-055001.

Respectfully submitted,



Date: October 23, 2003

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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Docket No. MP0337	Application No.
	Applicant Ravi Narasimhan		
	Filing Date October 23, 2003	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002/0041635 A1	4/11/2002	Ma, et al.			
	AB	2002/0122381 A1	9/5/2002	Wu, et al.			
	AC	2002/0181390 A1	12/5/2002	Mody, et al.			
	AD	2003/0072254 A1	4/17/2003	Ma, et al.			
	AE	2003/0072255 A1	5/17/2003	Ma, et al.			
	AF	2003/0072452 A1	4/17/2003	Mody, et al.			
	AG	6,473,467 B1	10/29/2002	Wallace, et al.			
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.